KIDMAN 1635.

A NEW ALMANACK for the yeare of our Lord God 1635.

¶ Being the third after the leap-yeare, and after the 27 of *March* the 11 yeare of the reigne of our Soveraigne Lord king *Charles*.

¶ Containing things usefull and pleasant for all sorts of men.

Calculated by Thomas Kidman, *for the meridian and latitude of* Saffron-Walden *in* Essex, *where the pole is elevated above the horizon* 52 *degrees, and may without sensible errour serve any part of this kingdome of* ENGLAND.

Printed by the Printers to the *Universitie* of *Cambridge*.

Common notes and moveable feasts.

According to the forein account.		According to our English account.
2	The Golden number	2
20	The cycle of the Sunne	20
G	The Dominicall letters	D
February 18	Shroveſunday	Febr. 8
12	The Epact	22

The reſt are in the Kalender, as alſo in a table at the end of the book.

A brief Chronologie of ſome memorable things.

Since

The creation of the world	5584
The flood of Noah	3928
The building of the Temple	2652
Brute entered this Iſland	2742
Jeruſalem deſtroyed by Titus Veſpaſian	1552
Julius Cæſar conquered this Iſland	1686
Julius Cæſar reformed the yeare	1679
England firſt received the Chriſtian faith	1455
The conqueſt by Duke William	569
The building of Weſtminſter-hall	533
The invention of gunnes firſt in Almayn	251
Printing of books was firſt invented in Germanie	175
Martin Luther began to oppoſe the Pope	118
The Earles rebellion in the north parts	66
The generall earthquake in England, April the 6	55
The camp at Tilbury in Eſſex on S. James day	47
The birth of King Charles the 19 of November	35
The laſt blazing ſtarre	17
The death of Prince Henry	23
The beginning of the reigne of our moſt royall K. Charles, March the 27	10

Whoſe reigne God grant long to continue.

A table of ſome of the fixt ſtarres, ſhewing with what degree of the Ecliptick they come to the meridian, their declinations; as alſo the time of their coming to the meridian, how long before or after the 7 ſtarres, thereby to finde their comings to the South any day deſired, by adding or ſubtracting, as you are directed by the letters (a) and (s) which are for adde and ſubtract, as after ſhall appeare.

Starres names.	degree of the ecliptick			declination.			diff. from 7 ſtarres.		
	Sign.	deg.	mi.	deg.	min.		hs.	min.	
Whales tayl *auſtral.*	♈	6	50	19	59	S.	3	1	s
The pole ſtarre	♈	8	0	87	23	N	2	57	s
Lucida in cap. ariet.	♈	28	47	21	45	N	1	39	s
Seven ſtarres	♉	23	5	22	57	N	0	0	a
Bulls eye	♊	5	49	15	44	N	0	49	a
The Goat.	♊	13	55	45	33	N	1	24	a
Orions right ſhoulder	♊	24	32	7	17	N	2	9	a
The great dog	♋	7	43	16	13	S.	3	3	a
The head of Apollo prec.	♋	16	33	32	37	N	3	45	a
The leſſer dog	♋	18	36	6	8	N	3	54	a
Hydraes bright ſtarre	♌	15	19	7	7	S.	5	44	a
Lions heart	♌	25	2	13	4	N	6	23	a
Lions tail	♍	22	0	16	36	N	8	5	a
Virginſpike	♎	17	56	9	14	S.	9	4	a
Arcturus	♎	2	6	2	9		10	33	a
Lucida corona	♎	22	16	27	58	N	11	53	a
Scorpions heart	♏	3	55	25	31	S.	11	18	s
The flying eagle	♑	21	32	7	58	N	7	52	s
The harp	♑	5	38	38	29	N	9	1	s
Swannes tail	♒	4	56	44	1	N	6	57	s
Pegaſus ſhoulder	♓	4	8	9	0	N	4	51	s
Fomahant	♓	7	39	31	27	S.	4	49	s
Pegaſus legge	♓	10	11	26	8	N	4	40	s

The uſe of this table is by the ſtarres to know the houre of the night: or knowing the houre, to know the ſtarres: pleaſant for gentlemen, ſcholars, mariners, and others.

Anatomie of Mans bodie, as the parts thereof are by Astrologers attributed unto the 12 signes of the Zodiaque.

♈ Aries Head and face.

♉ Neck and throat.

♋ Breast, stomack, and ribs.

♍ Bowels and belly.

♏ Secret members.

♐ Knees.

♊ Armes and shoulders.

♌ Heart and back.

♎ Reines and loyns.

♐ Thighes.

♒ Legs.

♓ Pisces the feet.

Characters of the seven Planets with their aspects.

♄ Saturn. ♃ Jupiter. ♂ Mars. ☉ The Sunne. ♀ Venus. ☿ Mercury. ☽ ● The Moon. ☌ Conjunction. ☍ Opposition. □ Quadrate. ⚹ Sextile. △ Trine.

Times prohibiting Marriage this yeare 1635.

From the 30 of *November* 1634, till the 13 of *January* following.

From the 25 of *January* till the 7 of *April*.

From the 3 of *May* till the 24 of the same.

Also from the 29 of *November* untill the 13 of *January* 1636.

Januarie hath xxxi dayes.

(Laſt quarter the 1 day, very neare high noon.
● New moon the 8 day, 43 min. paſt 9 at night.
☽ Firſt quarter the 15 day, 30 m. paſt 2 afternoon.
○ Full moon the 23 day, 16 m. paſt 2 in the morning.
(Laſt quarter the laſt day, 30 min. paſt 7 in the morning.

1	a	Circumciſion	libr.	21	21	51	7	53	7 aſt.	55	11	d
2	b	Oct. Steph.	ſcorp.	3	21	41	7	56	7	51	12	e
3	c	Oct. John	ſcorp.	15	21	31	7	58	7	46	13	f
4	D	2. Sun. af. Chr.	ſcorp.	28	21	20	8	0	7	42	14	g
5	e	Simeon	ſag.	11	21	9	8	3	7	38	15	a
6	f	Epiphanie	ſag.	24	20	57	8	5	7	33	16	b
7	g	Julian mart.	capr.	8	20	45	8	8	7	29	17	c
8	a	Lucian prieſt	capr.	23	20	33	8	11	7	25	18	d
9	b	Marcellinus	aquar.	7	20	21	8	13	7	20	19	e
10	c	Sun in Aquar.	aquar.	22	20	8	8	16	7	16	20	f
11	D	1. Sun. af. Epip.	piſc.	7	19	54	8	19	7	12	21	g
12	e	Archad	piſc.	21	19	41	8	22	7	8	22	a
13	f	Hilarie biſh.	Aries	6	19	27	8	25	7	4	23	b
14	g	Felix & Jam.	aries	20	19	12	8	28	7	0	24	c
15	a	Maurus	taur.	4	18	57	8	31	6	56	25	d
16	b	Marcellus	taur.	18	18	42	8	34	6	51	26	e
17	c	Anthonie	gem.	1	18	27	8	38	6	47	27	f
18	D	2. Sun. aft. Ep.	gem.	14	18	11	8	41	6	43	28	g
19	e	Priſca virg.	gem.	28	17	55	8	44	6	38	29	a
20	f	Octab. Hilar.	canc.	10	17	38	8	48	6	34	30	b
21	g	Agnes virg.	canc.	23	17	21	8	52	6	30	31	c
22	a	Vincentius	leo	6	17	4	8	55	6	26	FEBR	
23	b	Term begins.	leo	18	16	47	8	59	6	22	Purif	
24	c	Timoth. biſh.	virg.	0	16	29	9	2	6	18	3	f
25	D	Septuageſima.	virg.	12	16	11	9	6	6	14	Septu	
26	e	Conver. S. Paul	virg.	24	15	53	9	9	6	10	5	a
27	f	Quind. Hilar.	libr.	6	15	35	9	13	6	6	6	b
28	g	Agnes ſecun.	libr.	17	15	56	9	16	6	2	7	c
29	a	Valer. biſh.	libr.	29	14	57	9	20	5	58	8	d
30	b	Batild queen	ſcorp.	11	14	38	9	24	5	54	9	e
31	c	Saturn	ſcorp.	24	14	18	9	28	5	50	10	f

Februarie hath xxviii dayes.

● New moon the 7 day, 50 min. past 9 in the morn.
☽ First quarter the 13 day, 40 min. past midnight.
○ Full moon the 21 day, 40 min. past 8 at night.
☾ Last quarter the 1 day of the next moneth.

		Holy and festivall dayes.	Moons place in the Zodiack.		Sunnes declination.		length of the day.		The starres South.		Roman. Kalend.	
1	D	Sexagesima.	sagit.	6	13	58	9	32	5	46	11	G
2	e	Purif. of Mar.	sagit.	19	13	38	9	35	5	42	12	a
3	f	Crast. Purif.	capric.	2	13	18	9	39	5	38	13	b
4	g	Gilbert	capric.	16	12	58	9	43	5	34	14	c
5	a	Agath. vir.	aquar.	1	12	37	9	47	5	30	15	d
6	b	Dozothie	aquar.	15	12	16	9	51	5	26	16	e
7	c	Sun eclipsed.	pisces	0	11	55	9	55	5	22	17	f
8	D	Shrove-sund.	pisces	15	11	34	9	59	5	18	18	G
9	e	Schol. virg.	Aries	0	11	13	10	2	5	15	19	a
10	f	Sun in Pisces	aries	15	10	52	10	6	5	11	20	b
11	g	Ashwedneſd.	taur.	0	10	30	10	10	5	7	21	c
12	a	Term ends	taur.	14	10	8	10	14	5	3	22	d
13	b	Agabus	taur.	25	9	45	10	18	4	59	23	e
14	c	Valentine	gem.	11	9	24	10	22	4	55	Matth	
15	D	Quadrageſima	gem.	24	9	1	10	26	4	52	25	F
16	e	Julian virg.	cancer	7	8	39	10	30	4	48	26	a
17	f	Polycron	cancer	20	8	16	10	34	4	44	27	b
18	g	Ember week	leo	2	7	54	10	38	4	41	28	c
19	a	Gabinus	leo	18	7	31	10	42	4	37	MAR.	
20	b	Wildred	leo	27	7	8	10	46	4	34	2	e
21	c	Moon eclipsed	virg.	9	6	45	10	50	4	30	3	f
22	D	2 Sun. in lent	virg.	21	6	22	10	54	4	26	4	G
23	e	Policarp Fast	libr.	2	5	59	10	58	4	22	5	a
24	f	Matthias Ap.	libr.	14	5	35	11	2	4	18	6	b
25	g	Victorinus	libr.	26	5	12	11	6	4	14	7	c
26	a	Nestor bish.	scorp.	8	4	49	11	11	4	11	8	d
27	b	Alexander	scorp.	19	4	25	11	15	4	7	9	e
28	c	Roman. abbot	sagit.	2	4	2	11	19	4	3	10	f

March hath xxxi dayes.

● New moon the 8 day, 38 min. past 6 at night.
☽ First quarter the 15 day, 22 min. past noon.
○ Full moon the 23 day, 28 min. past 2 afternoon.
☾ Last quarter the last day, 6 min. past 11 before noon.

1	D	3. Sun. in lent	sag.	14	3	38	11	23	4	♃	0	11	♀
2	e	Chad bish.	sag.	28	3	15	11	27	3		56	12	a
3	f	Maurice	capr.	11	2	51	11	31	3		52	13	b
4	g	Adrian	capr.	25	2	27	11	35	3		49	14	c
5	a	Eusebius	aquar.	9	2	3	11	39	3		45	15	d
6	b	Victor	aquar.	23	1	40	11	43	3		41	16	e
7	c	Fair at Walden	pisc.	8	1	16	11	47	3		38	17	f
8	D	4 Sun. in lent.	pisc.	23	0	52	11	51	3		34	18	g
9	e	Sun eclipsed.	Aries	9	0	29	11	55	3		30	19	a
10	f	Sun in Aries.	aries	24	0	5	11	59	3		26	20	b
11	g		taur.	9		North	12	3	3		23	21	c
12	a	Gregorie pap.	taur.	23	0	42	12	7	3		19	22	d
13	b	Euphras. b.	gem.	7	1	6	12	11	3		15	23	e
14	c	Candide.	gem.	21	1	declinat. 29	12	15	3		12	24	f
15	D	5 Sun. in lent	canc.	4	1	53	12	19	3		9	Ann.	
16	e	Cyriac.	canc.	17	2	17	12	23	3		6	26	a
17	f	Patrick. bish.	leo	0	2	40	12	27	3		2	27	b
18	g	Edward K.	leo	12	3	3	12	31	2		58	28	c
19	a	Ios. husb. Mary	leo	24	3	27	12	35	2		54	29	d
20	b	Cuthbert	virg.	6	3	50	12	39	2		51	30	e
21	c	Benedict	virg.	17	4	13	12	43	2		47	31	f
22	D	6. Sun. in lent	virg.	29	4	36	12	47	2		43	Apr.	
23	e	Theodore	libr.	13	5	c	12	52	2		40	2	a
24	f	Botolph. Fast	libr.	23	5	23	12	56	2		36	3	b
25	g	Annun. Mar.	scorp.	5	5	46	12	0	2		32	4	c
26	a	Castor mart.	scorp.	17	6	9	13	4	2		28	5	d
27	b	K. Charles beg	scorp.	29	6	31	13	7	2		25	6	e
28	c	Dorothy virg.	sag.	12	9	54	13	11	2		21	7	f
29	D	Easter day	sag.	24	7	16	13	15	2		18	Easter	
30	e	Guidon	capr.	7	7	58	13	19	2		14	9	a
31	f	Adelm. bish.	capr.	20	8	1	13	23	2		11	10	b

April hath xxx dayes.

New moon the 7 day, at 3 in the morning.
First quarter the 14 day, 6 min. past 2 in the morning.
Full moon the 22 day, 33 min. past 6 in the morning.
Last quarter the 29 day, 41 min. past 4 at night.

1	g	Theodos. virg.	aquar.	4	8	23	13	27	2	After	8	11	c
2	a	Mary Egypt	aquar.	18	8	45	13	31	2		4	12	d
3	b	Richard bish.	pisc.	2	9	7	13	35	2		0	13	e
4	c	Isidore bish.	pisc.	17	9	28	13	39	1		56	14	f
5	D	Low-sunday.	Aries	2	9	49	13	42	1		53	15	G
6	e	Sertus mart	aries	17	10	11	13	46	1		49	16	a
7	f	Egesippus	taur.	2	10	32	13	50	1		45	17	b
8	g	Dionysius	taur.	17	10	53	13	54	1		41	18	c
9	a	Perpetuus	gem.	2	11	14	13	58	1		37	19	d
10	b	Sun in Taur.	gem.	16	11	35	14	2	1		34	20	e
11	c	Leo pap.	canc.	0	11	55	14	5	1		30	21	f
12	D	2. Sun. aft. East.	canc.	13	12	15	14	9	1		26	22	G
13	e	Quind. Pasch.	canc.	25	12	35	14	13	1		28	23	a
14	f	Valerian m.	leo	8	12	55	14	16	1		18	24	b
15	g	Term begins.	leo	21	13	14	14	20	1		14	Mark.	
16	a	Calistus m.	virg.	3	13	34	14	24	1		11	26	d
17	b	Anicet	virg.	14	13	53	14	28	1		7	27	e
18	c	Eluther.	virg.	26	14	12	14	31	1		4	28	f
19	D	3. Sun. aft. East	libr.	8	14	31	14	35	12	Noon.	0	29	G
20	e	Tres Pasch.	libr.	20	14	50	14	39	12		57	30	a
21	f	Simeon bish.	scorp.	2	15	8	14	42	12		53	MAY.	
22	g	Sother bish.	scorp.	14	15	26	14	46	12		49	2	c
23	a	S. GEORGE.	scorp.	26	15	44	14	49	12		45	3	d
24	b	Egbert Fast	sag.	8	16	1	14	53	12		41	4	e
25	c	Mark Evang.	sag.	21	16	18	14	56	12		37	5	f
26	D	4. Sun. aft. East.	capr.	4	16	35	14	59	12		33	6	G
27	e	Mens. Pasch.	capr.	17	16	53	15	3	12		30	7	a
28	f	Vitalis mart.	aquar.	0	17	8	15	6	12		26	8	b
29	g	Peter of Mil	aquar.	14	17	24	15	9	12		22	9	c
30	a	Erkinwald	aquar.	27	17	40	15	12	12		18	10	d

May hath xxxi dayes.

☽ New moon the 6 day, a little before noon.
First quarter the 13 day, 54 min. past 5 at night.
○ Full moon the 21 day, 18 min. past 8 at night.
☾ Last quarter the 29 day, about 2 in the morning.

1	b	Philip & Jam.	pisc.	12	17	56	15	16	12	14	11	e
2	c	Athanasius	pisc.	26	18	11	15	19	12	10	12	f
3	D	Rogation	Aries	11	18	26	15	22	12	6	13	g
4	e	Florianus	aries	26	18	41	15	25	12	2	14	a
5	f	Gothardus	taur.	10	18	55	15	28	morning		15	b
6	g	John port. lat.	taur.	25	19	9	15	31	11	54	16	c
7	a	Ascension day.	gem.	10	19	23	15	34	11	50	17	d
8	b	Craft. Ascens.	gem.	24	19	36	15	37	11	46	18	e
9	c	Gregory bish.	canc.	8	19	49	15	40	11	42	19	f
10	D	6 sun. aft. East.	canc.	21	20	2	15	42	11	38	20	g
11	e	Term ends	leo	4	20	14	15	45	11	34	21	a
12	f	Pancratius	leo	17	20	26	15	48	11	30	22	b
13	g	Sun in Gem.	leo	29	20	38	15	50	11	26	23	c
14	a	Bonifacе	virg.	11	20	49	15	53	11	22	24	d
15	b	Sophia virg.	virg.	23	21	0	15	55	11	18	25	e
16	c	Peregrin bish	libr.	4	21	11	15	58	11	14	26	f
17	D	Whitsunday.	libr.	16	21	21	16	0	11	10	Pente	
18	e	Aquila	libr.	28	21	31	16	2	11	6	28	a
19	f	Bernhardine	scorp.	10	21	40	16	4	11	2	29	b
20	g	Ember week.	scorp.	23	21	49	16	6	10	58	30	c
21	a	Helen qu.	sag.	5	21	58	16	8	10	54	31	d
22	b	Julia mart.	sag.	18	22	7	16	10	10	50	JUNE	
23	c	Deüderius	capr.	1	22	15	16	12	10	46	2	f
24	D	Trinitie sunday	capr.	14	22	23	16	14	10	42	3	g
25	e	Craft. Trin.	capr.	27	22	30	16	16	10	38	4	a
26	f	Bede priest	aquar.	11	22	36	16	18	10	34	5	b
27	g	Joan. pap.	aquar.	25	22	43	16	19	10	29	6	c
28	a	Corp. Christ.	pisces	8	22	49	16	21	10	25	7	d
29	b	Term begins	pisces	22	22	54	16	22	10	21	8	e
30	c	Felix pope	Aries	6	23	0	16	24	10	17	9	f
31	D	1 sun. af. Trin.	aries	31	23	5	16	25	10	13	10	g

June hath xxx dayes.

● New moon the 4 day, about 8 at night.
☽ First quarter the 12 day, about 11 in the forenoon.
○ Full moon the 20 day, at 8 in the morning.
☾ Last quarter the 27 day, at 7 in the morning.

1	e	Octab. Trin.	taur.	5	23	9	16	25	10	♈	11		a
2	f	Marcelline	taur.	24	23	13	16	26	10	♉	5	12	b
3	g	Eraſmus	gem.	4	23	17	16	27	10	♉	0	13	c
4	a	Metraphan	gem.	18	23	20	16	28	9	56		24	d
5	b	Boniface	canc.	2	23	23	16	29	9	52		15	e
6	c	Claudius	canc.	16	23	25	16	29	9	48		16	f
7	D	2 ſun. aft. Trin.	canc.	29	23	27	16	30	9	44		17	g
8	e	Quind. Trin.	leo	12	23	29	16	30	9	40		18	a
9	f	Felician	leo	24	23	30	16	30	9	36		19	b
10	g	Onuphrius	virg.	7	23	31	16	30	9	32		20	c
11	a	Barnabie	virg.	19	23	31	16	30	9	28		21	d
12	b	Sun in Cancer	libra	1	23	31	16	30	9	24		22	e
13	c	Anthonie con.	libra	12	23	31	16	30	9	20		23	f
14	D	3 ſund. aft. Tr.	libra	24	23	30	16	30	9	16	John		
15	e	Tres Trin.	ſcorp.	6	23	29	16	30	9	12		25	a
16	f	Rolandus	ſcorp.	18	23	27	16	30	9	8		26	b
17	g	Term ends	ſagit.	1	23	25	16	29	9	4		27	c
18	a	Marcell. mar.	ſagit.	14	23	22	16	28	9	0		28	d
19	b	Gervaſe mar.	ſagit.	27	23	19	16	28	8	55	Peter		
20	c	Silveſter pap	capr.	10	23	16	16	27	8	51		30	e
21	D	4 ſund. aft. Tr.	capr.	23	23	12	16	26	8	47	July		
22	e	Alban mart.	aquar.	7	23	8	16	25	8	43		2	a
23	f	Etheld. Faſt	aquar.	21	23	3	16	24	8	39		3	b
24	g	John Baptiſt	piſces	5	22	58	16	23	8	35		4	c
25	a	Eligius	piſces	19	22	53	16	22	8	31		5	d
26	b	John & Paul	Aries	3	22	47	16	20	8	27		6	e
27	c	7 Sleepers	aries	17	22	41	16	19	8	23		7	f
28	D	5 ſund. aft. Tr.	taur.	1	22	35	16	17	8	19		8	g
29	e	Peter apoſtle	taur.	15	22	28	16	16	8	15		9	a
30	f	Com. S. P.	taur.	29	22	21	16	14	8	11		10	b

July hath xxxi dayes.

- Newv moon the 4 day, 53 min. paſt 5 in the morning.
- First quarter the 12 day, 36 min. paſt 4 in the morning.
- Full moon the 19 day, about 6 at night.
- Laſt quarter the 26 day, 50 min. paſt 11 before noon.

1	g	Theobaldus	gem.	13	22	13	16	12	8	7	11	c
2	a	Visit. Mary	gem.	27	22	5	16	10	8	3	12	d
3	b	Cornelius	canc.	11	21	57	16	8	7	59	13	e
4	c	Ulricus	canc.	24	21	48	16	6	7	55	14	f
5	D	6 Sun. aft. Tr.	leo	7	21	38	16	4	7	51	15	G
6	e	Octab. S. Pet.	leo	20	21	29	16	2	7	46	16	a
7	f	Becket	virg.	3	21	19	16	0	7	42	17	b
8	g	Chilianus	virg.	15	21	9	15	58	7	38	18	c
9	a	Cyrill bish.	virg.	27	20	58	15	55	7	34	19	d
10	b	7 Brethren	libr.	9	20	47	15	52	7	30	20	e
11	c	Pius pap.	libr.	20	20	36	15	50	7	26	21	f
12	D	7 Sun. aft. Tr.	scorp.	2	20	24	15	47	7	22	22	G
13	e	Sun in Leo	scorp.	14	20	12	15	45	7	18	23	a
14	f	Bonavent.	scorp.	26	20	0	15	42	7	14	24	b
15	g	S. Swithin	sag.	9	19	47	15	39	7	10	James	
16	a	Osmond	sag.	22	19	34	15	36	7	6	26	b
17	b	Alexius con.	capr.	5	19	21	15	34	6	2	27	c
18	c	Rosina	capr.	18	19	7	15	31	6	58	28	d
19	D	Dog-dayes beg	aquar.	2	18	53	15	28	6	55	29	e
20	e	Margaret.	aquar.	16	18	39	15	25	6	51	30	f
21	f	Prax. virg.	pisc.	1	18	23	15	22	6	47	31	g
22	g	Mary Magd.	pisc.	15	18	9	15	19	6	43	Aug.	
23	a	Apollinarius	pisc.	29	17	55	15	16	6	39	2	A
24	b	Christin. Fast	Aries	14	17	39	15	12	6	35	3	b
25	c	James apostle	aries	28	17	23	15	9	6	31	4	c
26	D	9 Sun. aft. Tr.	taur.	12	17	6	15	6	6	27	5	d
27	e	Fair at Walden	taur.	26	16	50	15	2	6	23	6	e
28	f	the 25 day.	gem.	10	16	33	14	59	9	19	7	f
29	g	Beatrix	gem.	24	16	16	14	55	6	15	8	g
30	a	Abdon & Sem	canc.	7	15	59	14	52	6	11	9	A
31	b	German bish.	canc.	20	15	42	14	49	6	7	10	b

Auguſt hath xxxi dayes.

New moon the 2 day, 17 min. paſt 6 at night.
Firſt quarter the 10 day, 24 min. paſt 10 at night.
Full moon the 18 day, 6 min. paſt 3 in the morning.
Laſt quarter the 24 day, 18 min. paſt 6 at night.

1	c	Lammas day	leo	3	15	24	14	45	6	4	11	f
2	D	10 Sun.aft. Tr.	leo	16	15	6	14	42	6	0	12	G
3	e		leo	28	14	48	14	38	5	56	13	a
4	f	Dominic.	virg.	11	14	30	14	34	5	53	14	b
5	g	Gowrie con.	virg.	23	14	11	14	30	5	49	15	c
6	a	Transfig.Dom.	libr.	5	13	52	14	27	5	45	16	d
7	b	Donatus	libr.	17	13	33	14	23	5	42	17	e
8	c	Cyriac mart.	libr.	28	13	14	14	19	5	38	18	f
9	D	11 Sun.aft.Tr.	scorp.	10	12	55	14	16	5	34	19	G
10	e	Laurence m.	scorp.	22	12	35	14	12	5	30	20	a
11	f	Tyburt mart	sag.	4	12	15	14	8	5	27	21	b
12	g	Clare virg.	sag.	17	11	55	14	5	5	23	22	c
13	a	Hypolite m.	capr.	0	11	34	14	1	5	19	23	d
14	b	Sun in Virg.	capr.	13	11	14	13	57	5	15	Barth	
15	c	Aſſum.of Mar.	capr.	26	10	53	13	54	5	12	25	f
16	D	12 Sun. aft. Tr.	aqua.	10	10	32	13	40	5	8	26	G
17	e	Octab. Laur.	aqua.	25	10	11	13	46	5	4	27	a
18	f	Moon eclipſed.	piſc.	9	9	50	13	43	5	0	28	b
19	g	Hebaldus	piſc.	24	9	29	13	39	4	57	29	c
20	a	Bernard	Aries	9	9	7	13	35	4	53	30	d
21	b	Athanaſius	aries	24	8	46	13	31	4	50	31	e
22	c	Dog da. end	taur.	9	8	24	13	27	4	46	Sept.	
23	D	13 Sun.aft.Tr.	taur.	23	8	2	13	23	4	42	2	G
24	e	Barthol.Apoſt.	gem.	7	7	40	13	19	4	39	3	a
25	f	Lewis K.	gem.	20	7	18	13	16	4	35	4	b
26	g	Ireneus	canc.	4	6	55	13	12	4	31	5	c
27	a	Gebherdus	canc.	17	6	33	13	8	4	27	6	d
28	b	Auguſt. biſh.	leo	0	6	10	13	4	4	24	7	e
29	c	John B.behe.	leo	12	5	48	13	0	4	21	8	f
30	D	14.Sun.af. Tr.	leo	24	5	25	12	56	4	18	9	G
31	e	Paulinus.	virg.	7	5	2	12	52	4	13	10	a

September hath xxx dayes.

● New moon the 1 day, 11 min. past 9 in the morning.
) First quarter the 9 day, at 1 in the afternoon.
○ Full moon the 16 day, about high noon.
(Last quarter the 23 day, 34 min. past 3 in the morning.

1	f	Giles abbot.	virg.	19	4	39	12	48	4	Aequinoct.	10	11	b
2	g	Rachel	libr.	1	4	16	12	44	4		6	12	c
3	a	Seraph. virg.	libr.	13	3	53	12	40	4		3	13	d
4	b	Theodosia	libr.	17	3	30	12	36	3		59	14	e
5	c	Bertine	scorp.	25	3	7	12	32	3		56	15	f
6	D	15 Sun. aft. Tr.	scorp.	19	2	44	12	28	3		52	16	G
7	e	Nat. Qu. Elis.	sag.	1	2	21	12	24	3		48	17	a
8	f	Stirb. fair beg.	sag.	13	1	57	12	20	3		45	18	b
9	g	Gorgonius	sag.	25	1	34	12	16	3		41	19	c
10	a	Silvius	capr.	8	1	10	12	12	3		37	20	d
11	b	Prothus m.	capr.	20	0	47	12	8	3		34	Matt.	
12	c	Guidon mart.	aqua.	4	0	23	12	4	3		31	22	f
13	D	16. Sun af. Tr.	aqua.	18	Suns		12	0	3		27	23	G
14	e	Sun in Libra	pisc.	3	0	declination 24	11	56	3		23	24	a
15	f	Octab. Mar.	pisc.	17	0	47	11	52	3		19	25	b
16	g	Ember week	Aries	2	1	11	11	48	3		15	26	c
17	a	Lambert bish.	aries	18	1	34	11	44	3		12	27	d
18	b	Victorinus	taur.	3	1	58	11	40	3		8	28	e
19	c	Theod. bish	taur.	17	2	21	11	36	3		4	Mich.	
20	D	17 Sun. af. Tr.	gem.	2	2	45	11	32	3		0	30	G
21	e	Matthew apost	gem.	17	3	8	11	28	3		57	Oct.	
22	f		canc.	0	3	32	11	24	2		53	2	b
23	g	Linus 1. pap.	canc.	14	3	55	11	20	2		50	3	c
24	a	Androchie	canc.	27	4	19	11	16	2		46	4	d
25	b	Cleophas	leo	9	4	42	11	12	2		43	5	e
26	c	Cyprian mar.	leo	22	5	5	11	8	2		39	6	f
27	D	18 Sun. af. Tr.	virg.	4	5	28	11	4	2		35	7	G
28	e	Exuperius	virg.	15	5	52	11	0	2		31	8	a
29	f	Michael Arch.	virg.	28	6	15	10	56	2		28	9	b
30	g	Hieronymus	libra	10	6	38	10	52	2		25	10	c

October hath xxxi dayes.

New moon the 1 day, 17 min. past 2 in the morning.
First quarter the 9 day, 57 min. past 2 in the morning.
Full moon the 15 day, 52 min. past 8 at night.
Last quarter the 22 day, 39 min. past 4 at night.
New moon the 30 day, 27 min. past 8 at night.

1	a	Remigius	libra	22	7	0	10	48	2	22	11	d
2	b	Leodegar	scorp.	4	7	23	10	44	2	19	12	e
3	c	Simplicius	scorp.	16	7	46	10	40	2	15	13	f
4	D	19 Sun. aft. Tr.	scorp.	28	8	8	10	36	2	12	14	G
5	e		sagit.	10	8	31	10	32	2	8	15	a
6	f	Octab. Mich.	sagit.	22	8	53	10	28	2	4	16	b
7	g	Faith virg.	capric.	4	9	15	10	24	2	0	17	c
8	a	Pelagius	capric.	17	9	37	10	20	1	57	Luke.	
9	b	Term begins	aquar.	0	9	59	10	16	1	53	19	e
10	c	Paul Bishop	aquar.	13	10	21	10	12	1	50	20	f
11	D	20 Sun. aft. Tr.	aquar.	27	10	43	10	8	1	46	21	G
12	e	Colman	pisces	11	11	4	10	4	1	42	22	a
13	f	Quind. Mich.	pisces	25	11	26	10	0	1	38	23	b
14	g	Sun in Scorpio.	Aries	11	11	47	9	56	1	34	24	c
15	a	Aurelia virg.	aries	25	12	8	9	52	1	30	25	d
16	b	Gallus	taur.	11	12	28	9	49	1	26	26	e
17	c	Etheldred	taur.	26	12	49	9	45	1	22	27	f
18	D	Luke Evangel.	gem.	11	13	9	9	41	1	18	Sim.	
19	e	Fridiswid b.	gem.	26	13	30	9	37	1	15	29	a
20	f	Tres Mich.	cancer	10	13	50	9	33	1	11	30	b
21	g	11000 virg. &	cancer	23	14	9	9	29	1	7	31	c
22	a	Fair at Walden	leo	6	14	29	9	26	1	3	Nove	
23	b	Iguat. bishop	leo	19	14	48	9	22	0	59	2	e
24	c	Malone	virg.	1	15	7	9	18	0	55	3	f
25	D	22 Sun. aft. Tr.	virg.	13	15	26	9	14	0	51	4	G
26	e	Black friers fall	virg.	25	15	45	9	11	0	47	5	a
27	f	Mens. Mic. Fast	libra	7	16	3	9	7	0	43	6	b
28	g	Simon & Jude	libra	19	16	21	9	4	0	39	7	c
29	a	Narcissus	scorp.	1	16	39	9	0	0	35	8	d
30	b	German	scorp.	13	16	56	8	56	0	30	9	e
31	c	Quint. Fast	scorp.	25	17	13	8	53	0	26	10	f

This day beeing ye 22 of [illegible] named
to meet

November hath xxx dayes.

☽ First quarter the 7 day, 16 minutes past 3 afternoon.
○ Full moon the 14 day, 49 min. past 6 in the morn.
☾ Last quarter the 21 day, at 10 in the forenoon.
● New moon the 29 day, 36 minutes past 2 afternoon.

1	D	All Saints.	ſag.	7	17	30	8	50	0	22	11	G
2	e	All ſouls.	ſag.	19	17	46	8	46	0	18	12	a
3	f	Craſt. anim.	capꝛ.	1	18	2	8	43	0	14	13	b
4	g	Amatius	capꝛ.	14	18	18	8	40	0	10	14	c
5	a	Powder treaſ.	capꝛ.	27	18	34	8	36	e	6	15	d
6	b	Leonard	aqua.	10	18	49	8	33	0	2	16	e
7	c	Willibrood	aqua.	23	19	4	8	30	After		17	f
8	D	24 Sun.af. Tr.	piſc.	6	19	19	8	27	11	50	18	G
9	e	Theodor mart.	piſc.	20	19	33	8	24	11	46	19	a
10	f	Triphon mar.	Arieſ	5	19	47	8	22	11	41	20	b
11	g	Martin biſh.	aries	19	20	●	8	18	11	37	21	c
12	a	Craſt. mart.	taur.	4	20	13	8	15	11	33	22	d
13	b	Sun in Sagit.	taur.	19	20	26	8	12	11	29	23	e
14	c	Erkenwald	gem.	5	20	39	8	9	11	25	24	f
15	D	25 Sun.aft. Tr.	gem.	19	20	51	8	7	11	20	25	G
16	e	Edmond dep.	canc.	4	21	2	8	4	11	16	26	a
17	f	Hugo biſh.	canc.	18	21	13	8	2	11	12	27	b
18	g	Octab. mart.	leo	2	21	24	7	59	11	7	28	c
19	a	K. Charles bor.	leo	15	21	34	7	57	11	3	29	d
20	b	Edmond K.	leo	27	21	44	7	55	10	59	Anct.	
21	c	Preſent.of M	virg.	10	21	54	7	52	10	55	DEC.	
22	D	26 Sun. af. Tr.	virg.	22	22	3	7	50	10	50	Adv.	
23	e	Clement pap.	libꝛ.	4	22	12	7	48	10	46	3	a
24	f	Chryſogon m.	libꝛ.	15	22	20	7	46	10	42	4	b
25	g	Quind. mart.	libꝛ.	27	22	28	7	44	10	37	5	c
26	a	Pet.of Alex.	ſcoꝛp.	9	22	35	7	42	10	33	6	d
27	b	Agricola	ſcoꝛp.	21	22	42	7	41	10	28	7	e
28	c	Term ends	ſag.	3	22	49	7	39	10	24	8	f
29	D	Advent ſunday	ſag.	16	22	55	7	38	10	20	9	G
30	e	Andrew Ap.	ſag.	28	23	1	7	36	10	15	10	a

The use of the 5, 6, and 7 columnes in the precedent Almanack by Examples.

AGainſt the 12 of January, in the 5 columne are theſe figures 19, 41, the firſt for degrees, the ſecond for minut. which ſhew the Sun hath then 19 degrees and 41 min. Declination, or that the Sun is then 19 degrees, 41 min. diſtant from the equinoctiall towards the ſouth: for from the 13 of September to the 10 of March, the Sun hath ſouth Declination; and from the 10 of March to the 13 of September, not thus any other day. This is moſt for mariners, as alſo for others, for finding of the houre of the day, the Sunnes Azimuth, and divers other neceſſaries by inſtrumentall obſervations.

Alſo againſt the ſaid 12 of January, in the 6 columne are theſe figures 8, 22, the firſt is for hour. and the ſecond for min. which ſhew the length of the day then to be 8 houres, and 22 min. This is found by the Suns declination likewiſe, for 19 deg. 41 min. of the Suns ſouth declination, doth give the length of the day to be 8 houres, and 22 min. exactly, in this Latitude of 52 degrees.

The houres and minutes that are in one half of the day, are the hour. and min. of the Sunns-ſetting, that is, that 12 of January the Sun ſets at 4 of the clock and 11 min.

The length of the night is known by ſubtracting the length of the day from 24 houres.

As the ſaid 12 of January the length of the day is 8 houres and 22 minutes, which taken from 24 houres, there will remain 15 houres and 38 minutes for the length of the night.

Likewiſe the houres and minutes that are in one half of the night, are the hour. and min. of the Sunnes riſing; that is, the 12 of January the Sun riſes at 7 of the clock, and 49 min. Thus is ſhewed by that 6 columne the length of the day and night, the Sunnes riſing and ſetting, &c.

Againſt the ſaid 12 of January, in the 7 columne, are theſe figures 7, 8, which ſhew that upon that 12 of Ja-

nuary the seven starres come to the south at 7 of the clock, and 8 minutes at night.

Again likewise for the first stars in the foregoing table.

Example. Lucida in cap. ariet. (by the second columne) comes to the meridian with the 28 degree of ♈ and 47 minutes; by the 3 columne, it hath 21 degrees 45 minutes of north declination.

Also in the 4 columne I finde there is 1 houre and 39 minutes in time differing from the 7 starres: to which houres and minutes is joyned this letter S, which is for subtract: therefore if from 7 houres and 8 minutes, the coming to the south of the seven starres, be subtracted that difference, that is, 1 hou. and 39 min. the remainder will be 5 houres and 29 min. which is the time of the coming to the south of that starre exactly. Secondly, by that table is found that Orions right shoulder comes to the meridian with the 24 degr. and 32 min. of ♊: It hath 7 degr. and 17 minutes of north declination and it differs in time from the seven starres 2 hour. and 9 min. to which also is joyned this letter A, which is for adde.

Therefore, if to the hour. and min. of the coming to the south of the seven starres, which was before found 7 hou. and 8 min. be added the difference, 2 hour. and 9 minutes, the product will be 9 hour. and 17 min. that is, at 9 of the clock, and 17 minut. at night is the coming to the south of Orions right shoulder.

Thus for any other day, and thus for any of the other starres.

Saturn is retrograde from the 3 of April, to the 22 of August.
Jupiter direct from the 10 of March, to the 11 of December: the rest of the yeare retrograde.
Mars is not retrograde this yeare.
Venus retrograde from the 22 of January, untill the 4 of (March.
Mercury retrograde from the 8 of April, to the last of the same: From the 3 of August, to the 26 of the same: From the 27 of November, to the 18 of December.

A plain and easie Table, shewing the beginning, continuance, and ending of the Reignes of all the Kings and Queens since *William* the Conquerour: with the time since their reigne ended to this yeare.

The Kings Names.	Began their Reigne.	Reigned year.	mon.	da.	Since their Reignes ended
William Con	1066 *Octob.* 14	20	11	22	*Sept.* 9 348
William Ruf.	1087 *Sept.* 9	12	11	18	*Aug.* 2 535
Henry 1	1100 *Aug.* 2	35	4	11	*Dec.* 2 450
Stephen	1135 *Dec.* 2	18	11	19	*Octob.* 25 481
Henry 2	1154 *Octob.* 25	34	9	2	*July* 6 446
Richard 1	1189 *July* 6	9	9	22	*April* 6 436
John	1199 *April* 6	17	7	0	*Octob.* 19 419
Henry 3	1216 *Octob.* 19	56	1	0	*Nov.* 16 363
Edward 1	1272 *Nov.* 16	34	8	9	*July* 7 328
Edward 2	1307 *July* 7	19	7	6	*Jan.* 25 309
Edward 3	1326 *Jan.* 25	50	5	7	*June* 21 258
Richard 2	1377 *June* 21	22	3	16	*Sept.* 29 236
Henry 4	1399 *Sept.* 29	13	6	4	*Mar.* 20 225
Henry 5	1412 *Mar.* 20	9	5	24	*Aug.* 31 215
Henry 6	1422 *Aug.* 31	38	6	16	*Marc.* 4 175
Edward 4	1460 *Mar.* 4	22	1	8	*April* 9 152
Edward 5	1483 *April* 9	0	2	18	*June* 28 152
Richard 3	1483 *June* 22	2	2	5	*Aug.* 27 150
Henry 7	1485 *Aug.* 22	23	8	19	*April* 22 126
Henry 8	1509 *Apr.* 22	37	10	1	*Jan.* 28 88
Edward 6	1546 *Jan.* 28	6	5	19	*July* 6 82
Qu. *Mary*	1553 *July* 6	5	4	22	*Nov.* 17 77
Qu. *Elisabeth*	1558 *Nov.* 17	44	4	15	*Mar.* 25 33
K. *James*	1602 *Marc.* 24	22	0	3	*Mar.* 27 10
K. CHARLES	1623 *Marc.* 27	Whom God grant long to reigne			

¶ Note that each King began his reigne at the same time that the next precedent King ended his.

Of the foure quarters of the yeare.

Of Winter.

THe Hyemall quarter, being the first according to our Astronomicall account, took his beginning in the antecedent yeare 1634, December the 11, at 4 of the clock and 50 minutes after noon: at which time the Sunne entred into the first minute of Capricorn, producing to us our shortest day, being in length but 7 houres, 29 minutes, and 6 seconds, which is by reason the Sunne hath then his greatest declination towards the South, his altitude upon our meridian being but 14 degrees, and 28 minutes; and his amplitude of rising from the true East point towards the South, is 40 degr. 25 minutes. This quarter continueth until the Sunne hath passed through these three winterly signes, ♑, ♒, and ♓, being by nature more cold then any of the other seasons, and the weather being the more agreeable to its own nature, is the better. A warm and moist winter is an enemy to husbandmen, but reasonable store of frost and snow doth rarken the fields, and beget plenty.

Fierce Boreas blasts all living things do nip,
And lapselesse trees of Summer suits do strip:
Now hills, rocks, mountains cover'd are with snow,
Which soon with clouds the valleys overflow.

Of the Spring.

THe Sunne, which is not onely the Worlds bright eye, but also the beginner, finisher, and divider of times and seasons, as of dayes, moneths, and yeares, having run his course through the 12 signes in the Zodiack, doth now anew begin again his task, & entereth into the equidiurnall signe ♈ this 10 of March, at 5 of the clock and 7 minutes after noon, whereby the day is reduced to an equall

length

length with the night to us, and in all other places, Except it be under the poles of the World, where they have the Sunne continuing above their horizon many dayes together. This quarter continueth untill the Sunne hath passed through these three Cardinall signes ♈, ♋, and ♎, being more comfortable then any of the other seasons to all things that have either life or motion. Lambes do now begin to skip and play, and the young and tender plants put forth their branches: the Sun yeeldeth heat moderately, whilest the sweet influentall showers are distilling downe the little hills and valleys, whereby mans heart is inflamed with a hopefull reward of his long & wearied labours.

Of Summer.

THe Sunne being now 23 degrees, 31 minutes, and 30 seconds on the North side of the Equator, which (according to the observation of Astronomers) is his greatest declination, hath his first entrance into the solsticiall signe Cancer, this yeare the 11 of June, 7 minutes after 9 of the clock at night, being then nearest to our Zenith, and our day at Walden 16 houres, 30 minutes, and 54 seconds in length. His amplitude of rising is now towards the North, not coming to the true East point till 19 minutes after 7 of the clock; and to the West 41 minutes after 4. whereby it appeareth, that nothing standing upright can give any true shadow to finde any other houre of the day then noon, as many falsly suppose. This quarter continueth untill the Sunne hath passed through these three signes ♌, ♎, and ♏, being naturally hot and dry, bringing all things to a full perfection of ripenes, that have been hatched and brought forth by the Spring.

Of Autumne.

AUtumne the last quarter Astronomicall, beginneth the 13 day of September, 45 min. after 11 of the clock, before noon, the Sunne then entring into the first minute of

Libra, and making again the day and night of equall length. This quarter continueth untill the Sunne hath passed through these three signes, viz. ♎, ♏, ♐: in which time the earth will have quite lost her beauty, and all other things wherewith our outward senses have heretofore been much delighted, will fade away: whereupon I may conclude,

OFt wants our sight that lamp of light
which passeth all in fame;
Who by his force in Northern course
cold *Boreas* blasts can tame.
Gone are those houres when *Aprils* showers
did entertain the spring,
And birds in woods on boughs and buds
did make their echoes ring.
That moneth of *May* in garments gay,
that vernall time was spide;
Now kept in aw by natures law,
and forc't to leave that pride.
Valleys that green in *June* were seen,
till now could not abide,
The scorching heat of *Julies* threat
of beauty them depriv'd.
We could not stay, no not one day,
of *August's* moneth so kinde,
Though well approv'd, us dearly lov'd,
as once a yeare we finde:
He doth resigne and yeeld his time
to the Autumnall season,
When leaves do fall, and eke withall
such pleasant sights are geason.
Thus seasons fast with time flie past,
so swift doth Phœbus ride;
We cannot clasp our hold so fast,
but from us soon they slide.

Of the Eclipſes happening this yeare 1635.

THere will be this yeare 5 eclipſes, 3 of the ſunne, and 2 great eclipſes of the moon, both of them viſible in our horizon. The firſt of them happeneth the 21 day of February, the moon being in the 13 deg. 14 min of ♍, neare unto the Dragons-tail, the ſunne in the oppoſite place appearing to us as followeth.

	ho.	min.	
The beginning at	6	19	
Beginning to be totally darkened at	7	33	
The middle at	8	27	
Beginning to recover ſome light at	9	18	at night.
And ending at	10	32	
The time totally darkened	1	45	
The whole time of continuance	4	13	

Eclipſed 5 digits more then her whole body.

Moons latitude at the beginning, 5 min. 41 ſec. ſouth.

Latitude deſcending at the ending } 16 minutes, 30 ſe-
Latitude deſcending likewiſe } conds of ſouth.

The ſecond eclipſe of the Moon, which is the 5 and laſt eclipſe, happeneth the 18 of Auguſt, the Moon then in the 4 deg. 19 min. of Piſces, neare unto the Dragons head, the ſunne in the oppoſite place appearing to us as followeth.

	ho.	min.	
The beginning at	1	14	
Beginning to be totally darkened at	2	19	
The middle at	3	2	
Begin to recover ſome light at	3	45	morning.
And ending at	4	50	
The time totally darkened	1	26	
The time of her continuance	3	36	

Eclipſed 5 digits more then her whole body.

Moons latitude at the beginning, is 7 min. 51 ſec. north aſcending, and at the ending 19 min. 19 ſec. north aſcending likewiſe.

The ſunnes eclipſes will not appeare to us.

A table showing the houre and minute of full sea at London-bridge any day this yeare 1635.

Days	January hou.	min.	February hou.	min.	March hou.	min.	April hou.	min.	May hou.	min.	June hou.	min.
1	9	N.E. 11	9	N.E. 52	8	N.E. 40	10	N.E. 28	11	N.E. 1	12	N.E. 18
2	9	46	10	46	9	37	11	25	11	55	13	15
3	10	29	11	41	10	35	12	16	12	45	14	12
4	11	20	12	42	11	34	13	10	13	36	15	12
5	12	12	13	42	12	29	13	57	14	30	3 S.W.	43
6	13	10	14	38	13	22	15	0	3 S.W.	8	4	41
7	14	10	3 S.W.	10	14	18	3 S.W.	26	4	6	5	39
8	15	10	4	4	15	18	4	22	5	26	6	35
9	3 S.W.	37	4	57	3 S.W.	42	5	21	6	27	7	34
10	4	33	5	50	4	39	6	19	6	57	7	56
11	5	28	6	43	5	33	7	18	7	49	8	39
12	6	20	7	37	6	27	8	16	8	40	9	20
13	7	12	8	34	7	25	9	2	9	24	9	57
14	8	1	9	25	8	22	9	52	10	6	10	40
15	8	52	10	20	9	18	10	42	10	46	11	23
16	9	45	11	15	10	13	11	27	11	26	12	6
17	10	38	12	8	11	6	12	6	12	6	12	56
18	11	32	12	56	11	52	12	47	12	48	13	49
19	12	26	13	46	12	37	13	26	13	32	14	44
20	13	18	14	31	13	21	14	10	14	22	4 N.E.	15
21	14	9	15	13	14	0	14	50	15	13	4	8
22	15	2	3 N.E.	34	14	42	3 N.E.	17	3 N.E.	38	5	3
23	3 N.E.	23	4	10	15	25	4	0	4	32	5	57
24	4	5	4	52	3 N.E.	41	4	49	5	27	6	52
25	4	48	5	35	4	31	5	43	6	20	7	39
26	5	32	6	19	5	10	6	36	7	16	8	27
27	6	13	6	59	5	57	7	31	8	8	9	17
28	6	51	7	51	6	51	8	24	8	55	10	7
29	7	34			7	40	9	19	9	45	10	58
30	8	17			8	35	10	9	10	34	11	54
31	9	6			9	31			11	24		

A table shewing the houre and minute of full sea at London-bridge any day this yeare 1635.

	July		August		September		October		November		December	
	hou.	min.	hou.	min.	hou.	min.	hou.	min.	hou.	min.	hou.	min.
1	12	N.E 50	14	N.E 26	3	S.W. 9	3	S.W. 21	4	S.W 23	4	S.W. 44
2	13	50	15	16	3	50	4	6	5	12	5	37
3	14	48	3	S.W. 36	4	53	4	50	5	59	6	27
4	3	S.W 18	4	24	5	14	5	37	6	56	7	17
5	4	9	5	6	5	59	6	25	7	51	8	6
6	4	57	5	48	6	45	7	15	8	41	8	54
7	5	50	6	30	7	41	8	4	9	29	9	40
8	6	39	7	9	8	20	9	0	10	18	10	31
9	7	11	7	52	9	11	9	53	11	8	11	27
10	7	51	8	37	10	6	10	43	11	59	12	17
11	8	29	9	26	10	58	11	36	12	50	13	12
12	9	13	10	8	11	55	12	30	13	43	14	13
13	9	56	11	6	12	46	13	21	14	41	15	N.E 15
14	10	43	12	6	13	42	14	13	3	N.E 19	3	47
15	11	34	12	56	14	32	15	0	4	17	4	46
16	12	28	13	56	3	N.E. 6	3	N.E. 38	5	19	5	40
17	13	23	14	54	3	57	4	38	6	12	6	25
18	14	16	3	N.E. 22	4	53	5	39	7	10	7	16
19	15	N.E 13	4	16	5	46	6	41	8	4	7	58
20	3	45	5	9	6	46	7	38	8	52	8	39
21	4	40	6	4	7	46	8	34	9	33	9	20
22	5	31	6	56	8	46	9	26	10	17	10	3
23	6	21	7	52	9	42	10	16	10	48	10	40
24	7	14	8	50	10	35	11	0	11	37	11	16
25	8	3	9	46	11	24	11	47	12	28	12	2
26	8	55	10	42	12	12	12	32	13	1	13	3
27	9	49	11	36	12	56	13	8	13	46	13	55
28	10	45	12	30	13	40	13	48	14	34	14	49
29	11	44	13	17	14	20	14	30	15	25	3	S.W. 16
30	12	39	14	2	15	2	15	13	3	S.W. 49	4	0
31	13	33	15	50			3	S.W. 35			4	58

Of

Of the use of the former table.

Upon the 3 of January it will be a full sea at London-bridge, at 10 of the clock and 29 minutes, by the Moons North-easting, as the letters N. E. do shew. It is alwayes meant after noon: and so many hour. and minut. as are there found more then 12, are so many hour. and min. after midnight.

As January the 8, it is full sea at 15 hour. and 10 min. that is, 10 minutes past 3 of the clock the next morning by the Moons North-easting, which is upon the 9 day: also the said 9 day it is full sea 37 minut. past 3 of the clock in the after noon by the Moons South-westing.

¶ A table to finde the rising of the Moon after her full, and setting after her change, calculated for the middle part of the yeare, the moon cutting the ecliptick in the 5 degree of Pisces.

☽ Sett. / ☌ West	☽ Ris. / N. East	degr. 0 ho.	m.	degr. 5 ho.	m.	degr. 10 ho.	m.	degr. 15 ho.	m.	degr. 20 ho.	m.	degr. 25 ho.	m.
Aries	Libra	3	16	3	29	3	41	3	53	4	5	4	17
Taur.	Scorp	4	29	4	42	4	54	5	6	5	17	5	27
Gem.	Sagitt	5	36	5	45	5	53	5	59	6	3	6	5
Canc.	Capri.	6	36	0	5	5	56	5	49	5	41	5	32
Leo	Aquar	5	21	5	11	5	04	4	84	4	36	4	23
Virgo	Pisces	4	11	3	56	3	46	3	33	3	20	3	8
Libra	Aries	2	56	2	43	2	31	2	19	2	7	1	55
Scorp	Taur.	1	43	1	30	1	18	1	6	0	55	0	45
Sagit.	Gem.	0	36	0	27	0	19	0	13	0	9	0	7
Capri	Canc.	0	9	0	12	0	16	0	22	0	31	0	40
Aquar	Leo	0	51	1	1	1	12	1	24	1	36	1	49
Pisces	Virgo	1	12	1	32	1	26	2	39	2	52	3	4

How

How to uſe the former tables, to finde thereby the moons riſing and ſetting.

FIrſt ſeek in the kalender againſt the day you deſire, in the fourth columne, for the moons place: alſo ſeek in the table of full ſea at London-bridge, for the houres and minutes of full ſea that day; then in this laſt table if you ſeek for her riſing, look under this title ( ) *Riſe*) but if you look for her ſetting, then under this title ( ) *Set*) and finde the ſigne you found her to be in in the kalender, and from that ſigne guide your eye in a ſtraight line, untill you come under the degree on the head of the table: and the houres and minutes there found, added to the houres and minutes of full ſea at London-bridge that day, the product will be your deſire: but if your number of ho. and min. exceed 12, caſt 12 from your number, and the remainder will be the hour. and min. after midnight.

Example. January the 3 I demand the houres and min. of the moons riſing, and ſeeking in the kalender, in the fourth columne, againſt the ſaid 3 of January, I there finde the moons place to be the 15 degree of Scorpio (at noon:) alſo the ſame day (by the table beforegoing for that purpoſe) I finde it will be full ſea at London-bridge, 29 minutes paſt 10 of the clock by the moons North-eaſting, as is there ſhewed by N. E. Then I come to this laſt table, and under theſe letters N. E. or ( ) *Riſe*) I finde Scorpio, the ſigne the moon is in; from which I guide mine eye in a ſtraight line towards the right hand, untill I come under the 25 degree on the head of the table (for that I ſuppoſe will be neareſt her place at the time of her ſetting) and in that angle or place of meeting are 5 hour. 27 minutes: and ſo long doth the moon ſet after it is full ſea at London-bridge, that 3 of January: therefore if to the 10 ho. 29 min. be added the 5 hour. and 27 minutes, the product will be 15 houres 56 minutes: from which if 12 houres be caſt off, there will be 3 hour. and 56 min. remaining: and ſo long doth the moon ſet after midnight, that is, at 3 of the clock and 56 min. in the morning the 4 day.

In

In like manner to finde her setting: January the 12 her place at noon is the 21 degrees of Pisces, also the same day it will be full sea at London-bridge at 6 of the clock & 20 m. then I come to this last table, and under this title (Set) I finde Pisces the Moons place, and from thence I guide mine eye in a straight line, untill I come under the 25 deg. on the head of the table, and there I finde 3 houres and 4 minut. (which are the last of that table) which being added to the former 6 houres and 20 min. (the houres and minutes of full sea at London-bridge that day) the product will be 9 houres and 24 minutes, the time desired of the moons setting the 12 of January.

Thus knowing rightly how to use these tables, the Moons risings and settings may be found with small errour: whereas those perpetuall rules and tables written for this purpose, may be discovered to swerve much from the truth.

A table of most of the principall havens in or neare England.

London, Tinmouth, Amsterdam, Gasgoin
Barwick, Ostend, Scarborough, Flamborough, Flushing
Frith, Leith, Dunbar, Narbon, Monsh. Egmon
Falmouth, Foy, Garnsey, Severnmouth, Waterford, Cork
Lin, Humber, Waymouth, Plimouth, Antwerp, Cromer
Bristoll, Lanion, Fowlnesse
Milford, Bridgewater, Northcoast, Exwater, Texwel
Portland, Peterport, Harefiew, Hague, Blanch
Orkney, pool, Orwel, S. Hellen, Flee, Eames, Ebden
Orford, Casket, Needles, Deep, Lux, Lenow,
Harwich, Dover, Yarmouth, Dublin, Bulloigne, Wight
Calice, Rie, Winchelsey, Gorend, Calshot
Quinborough, Southampton, Portsmouth, Wellin, Spits
Rochester, Redban, Aberden, Maldon, West of Nore
Downs, Gravesend, Romney, Tenner, Ramkins
Dunde, S. Andrews, Silli, Lisbon, S. Lucas, Maze,

A

A tide-table, wherein is readily found the time of the high water in any of these and the former havens.

London	h. m	3	1 41	5	6	7	8	9	10	11	12	13	14	15
Barwick	p 3	45	30	4	5	6	7	8	9	10	11	12	1	2
Frith	p 4	0	15	5	6	7	8	9	10	11	12	1	2	3
Falmouth	p 5	0	15	5	6	7	8	9	10	11	12	1	2	3
Lin	p 6	0	15	5	6	7	8	9	10	11	12	1	2	3
Briſtol	p 6	45	30	5	6	7	8	9	10	11	12	1	2	3
Milford	p 7	45	30	5	6	7	8	9	10	11	12	1	2	3
Portland	p 8	45	30	6	7	8	9	10	11	12	1	2	3	4
Orkney	p 9	45	30	6	7	8	9	10	11	12	1	2	3	4
Oxford	p 9	45	30	6	7	8	9	10	11	12	1	2	3	4
Harwich	p 10	45	30	6	7	8	9	10	11	12	1	2	3	4
Celice	p 11	15	0	6	7	8	9	10	11	12	1	2	3	4
Quinborough	a 12	15	0	6	7	8	9	10	11	12	1	2	3	4
Rochester	a 12	45	30	6	7	8	9	10	11	12	1	2	3	4
Pomme	a 1	45	30	6	7	8	9	10	11	12	1	2	3	4
Dundie	a 2	15	0	6	7	8	9	10	11	12	1	2	3	4

The havens against (*a*) are high water before London: those against (*p*) are after.

The uſe of this table in theſe examples following.

THe 1 of January I would know when it will be full ſea at Harwich: firſt I finde it will be full ſea at London that day 11 minut. after 9 of the clock, then I come to this table, & on the head thereof againſt London, I enter with the ſaid 9 (omitting the min.) & againſt Harwich, and under the ſaid 9 are 4 houres, to which I adde the 11 min. of full ſea at London (before omitted) and alſo the 30 min. againſt Harwich, in the firſt columne of this table, and the whole product will be 4 hour. and 41 min. that is, at 4 of the cloth and 41 minut. the next morning.

The 10 of January I would know when it will be high water at Dundee at London it will be full ſea 33 min. paſt 4 of the clock: with that houre 4 I enter on the head of this

this table (against London) then ☽ seek for Dunde on the side of this table, which is found at the very bottome thereof; and against the same in the second columne are 2 houres 15 minutes; which 15 minutes ☽ reserve in my minde, and proceed right forward, until ☽ come under the houre 4, with which ☽ entered the table; where ☽ finde 3, which are houres: to which adde the 33 min. and 15 minutes before omitted, and the whole product will be 3 houres and 48 minutes, the time desired: that is, before London, as is shewed by the letter (a)

¶ Of the Planets, their places in the Zodiack, as also of their nocturnall risings, southings, and settings, the first day of every moneth.

January.

Sunne ☉ 21 degrees 14 min. of ♑. Saturn ♄ 27 degrees of ♐. Jupiter ♃ 29 degr. of ♋. Mars ♂ 17 deg. of ♒. Venus ♀ 3 deg. of ♓. Mercury ☿ 5 degrees of ♑.
Jupiter is south half an houre after midnight.
Mars sets 20 minutes after 6 at night.
♀ is an evening starre, setting 55 min. past 7 at night.
☿ rises 3 quarters of an houre past 6 in the morning.

February.

☉ 22 deg. 45 min. of ♒. ♄ 0 deg. ♑. ♃ 25 deg. ♋. ♂ 11 degr. of ♓. ♀ 8 degr. ♓. ☿ 2 degr. ♒.
♄ riseth 25 min. past 4 in the morning.
♃ is south 9 min. past 10 at night, and sets a little after 6 in the morning.
♂ sets half an houre after 6 at night. ♀ and ☿ not seen.

March.

☉ 20 deg. 50 min. of ♓. ♄ 2 deg. ♑. ♃ 23 deg. ♋. ♂ 3 deg. ♈. ♀ 25 deg. ♒. ☿ 23 deg. ♓.
♄ rises 48 minutes after 2 in the morning.
♃ south a quarter of an houre past 8 at night, and sets a quarter

quarter of an houre past 4 in the morning. ♂ not to be seen.
♀ is now become a morning starre, rising 56 min. past 4.
☿ attends his master the Sunne.

April.

☉ 21 deg. 23 min. of ♈. ♄ 3 deg. ♍. ♃ 24 deg. ♋, ♂ 26 deg. ♈. ♀ 7 deg. ♓. ☿ 10 deg. ♉.
♄ riseth at one of the clock in the morning.
♃ setteth at 3 in the morning. ♂ is neare the ☉.
The morning starre riseth at 4 of the clock.
☿ setteth above 2 houres after the ☉.

May.

☉ 20 deg. 27 min. ♉. ♄ 3 deg. ♍. ♃ 27 deg. ♌. ♂ 18 deg. ♉. ♀ 4 deg. ♈. ☿ 29 deg. ♈.
♄ riseth at 11 of the clock at night, and souths at 3 in the morning.
♃ 44 min. past midnight. ♂ not to be seen.
♀ and ☿ are both morning starres; ♀ rising at 3, and ☿ about a quarter of an houre after.

June.

☉ 20 deg. 6 min. of ♊. ♄ 0 deg. ♍. ♃ 2 deg. ♌. ♂ 10 deg. ♊. ♀ 7 deg. ♉. ☿ 6 deg. ♊.
♄ is in the south 47 min. after midnight.
♃ setteth 6 min. after 10 at night. ♂ not yet seen.
♀ and ☿ are yet both of them morning starres; ♀ riseth at 2 houres 17 min. and ☿ at 3 and 10 minutes.

July.

☉ 18 deg. 40 min. ♋. ♄ 28 deg. ♐. ♃ 8 deg. ♌. ♂ 1 deg. ♋. ♀ 12 deg. ♊. ☿ 3 deg. ♌.
♄ souths half an houre past 10 at night.
♃ followes neare the ☉, in the west at Sun-setting.
♂ riseth half an houre past 2 in the morning.
The morning starre riseth 23 min. after 1 of the clock.
☿ sets 54 min. after the ☉.

August.

☉ 18 deg. 17 min. ♌. ♄ 27 deg. ♐. ♃ 15 deg. ♌. ♂ 22 deg. ♋. ♀ 19 deg. ♋. ☿ 13 deg.

♄ is upon the meridian presently after the sunne setting, and sets presently after midnight.
☿ begins to be Oriental, but not yet seen.
♂ rises a quarter of an houre past 2 in the morning.
The morning starre is rising a little before 2.
♀ sets at 8 at night.

September.

☉ 18 deg. 26. ♍. ♄ 26 deg. ♐. ☿ 22 deg. ♎. ♂ 12 deg. ♎. ♀ 26 deg. ♎. ♃ 1 deg. ♏.
♄ sets about a quarter of an houre past 9 at night.
☿ rises presently after 3 in the morning.
♂ rises at 2 in the morn. & the morning starre rises half an houre after 3; so that these 3 starrs ☿, ♂, and ♀, are all morning starrs, appearing in the East not far asunder.
And ♀ doth then rise 1 houre and 3 minutes before the ☉.

October.

☉ 17 degrees 47 minutes of ♎. ♄ 8 deg. ♐. ☿ 28 deg. ♎. ♂ 8 deg. ♏. ♀ 4 deg. ♎. ♃ 13 degs. ♎.
♄ sets 39 minut. after 8 at night.
☿, ♂, and ♀, are all yet morning starres.
☿ riseth 48 min. after 1, ♂ at 2, and ♀ a quarter of an houre after 5, ♃ not seen.

November.

☉ 18 deg. 50 minu. of ♏. ♄ 0 deg. ♍. ☿ 2 deg. ♏. ♂ 8 deg. ♏. ♀ 11 degr. ♏. ♃ 4 deg. ♐.
♄ sets 50 minut. after 6 at night.
☿ rises 40 minut. after midnight.
♂ rises at 1 and 45 min. in the morning.
♀ and ♃ not to be seen.

December.

☉ 19 degrees 19 min. of ♐. ♄ 3 deg. ♍. ☿ 4 degr. ♑. ♂ 5 deg. ♎. ♀ 28 deg. ♐. ♃ 27 ♐.
☿ riseth 18 min. after 10 at night, and souths 12 minut. after 5 in the morning.
♂ riseth 10 min. past 1 in the morning.
♄, ♀, and ♃, are all neare the ☉.

Eccli-

¶ Elections for husbandry.

When ye graft or plant, let the moon be increasing in Taurus or Aquarius, the winde not in the North, nor in any part East; for those winds are cold and pinching.

Remove or set young trees in the last quarter of the moon, in October, November, and February.

Sow all kinde of seeds, or set all kinde of plants, whilest the moon is well seated in Aries, Taurus, Cancer, Virgo, Capricorn, Aquarius, and Pisces, the roots of your seeds being round, three or foure dayes before or after the full moon, from February till June.

Cut all kinde of wood you mean to preserve, in the increasing of the moon before April, in warm weather: it will grow farre better then that which is cut at other times, as it is observed.

Gather all kinde of fruits neare the full moon in a dry time.

Likewise kill fat Swine for bacon (they will hold their fat the better in boyling) neare the full moon.

Shoare sheep in the increase, and cut hair to make it grow thick and fast; but not to grow, let the moon be decreasing.

Cut vines in February, March, or September, the moon increasing in Aries, Libra, or Virgo.

Libbe or geld cattell the moon increasing in Aries, Sagittarius, or Virgo.

To destroy wennes, warts, corns, or the like, cut them in the last quarter of the moon.

Dung land that weeds may not grow thereby, in the increasing of the moon.

A table shewing the true interest due upon any summe of money, from 1 shilling to an hundred pounds.

Shillings

	1 mon			2 mon.			1 quart			4. mon.			5. mon.			half yea		
	sh.	d.	par	sh.	d.	par.	sh.	d.	par	sh.	d.	par.	sh.	d.	par	sh.	d.	par
1	0	0	2	0	0	4	0	0	6	0	0	8	0	0	10	0	0	12
2	0	0	4	0	0	8	0	0	12	0	0	16	0	0	20	0	0	24
3	0	0	6	0	0	12	0	0	18	0	0	24	0	1	5	0	1	11
4	0	0	8	0	0	16	0	0	24	0	1	7	0	1	15	0	1	23
5	0	0	10	0	0	20	0	1	5	0	1	15	0	2	0	0	2	10
6	0	0	12	0	0	24	0	1	11	0	1	23	0	2	10	0	2	22
7	0	0	14	0	1	3	0	1	17	0	2	6	0	2	20	0	3	9
8	0	0	16	0	1	7	0	1	23	0	2	14	0	3	5	0	3	21
9	0	0	18	0	1	11	0	2	4	0	2	22	0	3	15	0	4	8
10	0	0	20	0	1	15	0	2	10	0	3	5	0	4	0	0	4	20
1	0	1	5	0	3	5	0	4	20	0	6	10	0	8	0	0	9	15
2	0	3	10	0	6	10	0	9	15	1	0	20	1	4	0	1	7	5
3	0	4	15	0	9	15	1	2	10	1	7	5	2	0	0	2	4	20
4	0	6	20	1	0	20	1	7	5	2	1	15	2	8	0	3	2	10
5	0	8	0	1	4	0	2	0	0	2	8	0	3	4	0	4	0	0
6	0	9	15	1	7	5	2	4	20	3	2	10	4	0	0	4	9	15
7	0	11	5	1	10	10	2	9	15	3	8	20	4	8	0	5	7	5
8	1	0	20	2	1	15	3	2	10	4	3	5	5	4	0	6	4	20
9	1	2	10	2	4	20	3	7	5	4	9	15	6	0	0	7	2	10

Pounds

	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.	li	sh.	d.
10	0	1	4	0	2	8	0	4	0	0	5	4	0	6	8	0	8	0
20	0	2	8	0	5	4	0	8	0	0	10	8	0	13	4	0	16	0
30	0	4	0	0	8	0	0	12	0	0	16	0	1	0	0	1	4	0
40	0	5	4	0	10	8	0	16	0	1	1	4	1	6	8	1	12	0
50	0	6	8	0	13	4	1	0	0	1	6	8	1	13	4	2	0	0
60	0	8	0	0	16	0	1	4	0	1	12	0	2	0	0	2	8	0
70	0	9	4	0	18	8	1	8	0	1	17	4	2	6	8	2	16	0
80	0	10	8	1	1	4	1	12	0	2	2	8	2	13	4	3	4	0
90	0	12	0	1	4	0	1	16	0	2	8	0	3	0	0	3	12	0
100	0	13	4	1	6	8	2	0	0	2	13	4	3	6	8	4	0	0

Summes of pounds

For a yeare or any time under, calculated after the rate of 8 pound in the hundred.

	1 mon.			8 mon.			3. quart.			10. mon.			11 mon.			a yeare.		
	li.	sh.	d. par.	li.	sh.	d. par.	li.	sh.	d. par.	li.	sh.	d. par.	li.	sh.	d. par.	li.	sh.	d. par.
1	0	0	1 4	0	0	16	0	0	18	0	0	20	0	0	22	0	0	24
2	0	1	3 3	0	1	7	0	1	11	0	1	15	0	1	19	0	1	23
3	0	1	17	0	1	23	0	2	4	0	2	10	0	2	16	0	2	22
4	0	2	6	0	2	14	0	2	22	0	3	5	0	3	13	0	3	21
5	0	2	20	0	3	5	0	3	17	0	4	0	0	4	10	0	4	20
6	0	3	9	0	3	21	0	4	8	0	4	20	0	5	7	0	5	19
7	0	3	23	0	4	12	0	5	1	0	5	15	0	6	4	0	6	18
8	0	4	12	0	5	3	0	5	19	0	6	10	0	7	1	0	7	17
9	0	5	1	0	5	19	0	6	12	0	7	5	0	7	23	0	8	16
10	0	5	15	0	6	10	0	7	5	0	8	0	0	8	20	0	9	15
1	0	11	5	1	0	20	1	2	10	1	4	0	1	5	15	1	7	5
2	1	10	10	2	1	15	2	4	20	2	8	0	2	11	5	3	3	10
3	2	9	15	3	2	10	3	7	5	4	0	0	4	4	20	4	9	15
4	3	8	20	4	3	5	4	9	15	5	4	0	5	10	10	6	4	20
5	4	8	0	5	4	0	6	0	0	6	8	0	7	4	0	8	0	0
6	5	7	5	6	4	20	7	2	10	8	0	0	8	9	15	9	7	5
7	6	6	10	7	5	15	8	4	20	9	4	0	10	3	5	11	2	10
8	7	5	15	8	6.	10	9	7	5	10	8	0	11	8	20	12	9	15
9	8	4	20	9	7	5	10	9	15	12	0	0	13	2	10	14	4	20
	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.
10	0	9	4	0	10	8	0	12	0	0	13	4	0	14	8	0	16	0
20	0	18	8	1	1	4	1	4	0	1	6	8	1	9	4	1	12	0
30	1	8	0	1	12	0	1	16	0	2	0	0	2	4	0	2	8	0
40	1	17	4	2	2	8	2	8	0	2	13	4	2	18	8	3	4	0
50	2	6	8	2	13	4	3	0	0	3	6	8	3	13	4	4	0	0
60	2	16	0	3	4	0	3	12	0	4	0	0	4	8	0	4	16	0
70	3	5	4	3	14	8	4	4	0	4	13	4	5	2	8	5	12	0
80	3	14	8	4	5	4	4	16	0	5	6	8	5	17	4	6	8	0
90	4	4	0	4	16	0	5	8	0	6	0	0	6	12	0	7	4	0
100	4	13	4	5	6	8	6	0	0	6	13	4	7	6	8	8	0	0

Skillings

Pounds

Tenths of pounds.

The

The use of the former tables.

If you desire to know what interest is due upon any summe of money any time desired by these tables, seek the summe on the sides of the tables, and the time on the head of the tables, and in the angle or place of meeting you have the summe desired, in pounds, shillings, pence, and parts of pence, as the titles above shew. And note that 25 of them parts of pence make a peny.

Example.

I would know what interest is due upon 7 pounds for five moneths, therefore I seek for 7 on the left hand of the first table, where it is titled with pounds; and from that 7 I guide mine eye in a right line, until I come under 5, the number of moneths; and in that place of meeting is 4 shillings 8 pence, which is the just summe due for 7 pounds in 5 moneths.

But if I would know what interest is due upon 17 pounds for 5 moneths, then I seek on the side of the table for 10 pounds, and see what interest is due upon ten pounds, which in this table is found to be 6 shillings 8 pence, which being added to the former 4 shillings and 8 pence, the summe will be 11 shil. and 4 pence, the interest due upon 17 pounds for 5 moneths.

Also I would know what interest is due upon 17 shillings for 8 moneths, and therefore I seek in the table 10 and 7 against shillings; and under 8 moneths against 10 is 6 pence and 10 parts of a peny, also against 7 is 4 pence and 12 parts of a peny; adde these 2 summes together, and the product will be 10 pence, and 22 parts, (with as 25 of them make a peny: whereupon I conclude the interest due upon 17 shil. in 8 moneths to be almost 11 pence. And in like manner may be done with other summes: As if the summe were 56 pounds, see by the tables what is due upon 50 pounds your time desired, and what is due upon 6 pounds, and adde these two summes together, and you have your desire.

Of

Of measures geometricall.

Three barley corns in length make an inch, 12 inches a foot, 3 feet a yard, 5 yards and a half, or 16 feet and an half, make a pole or rod, and 40 of them poles is a furlong, and 8 furlongs is an English mile.

In an English mile is contained
- 1760 yards.
- 5280 feet.
- 63360 inches.
- 190080 barley-corns.

An acre by the statute is 40 poles in length, and foure in breadth.

In which is contained of square
- poles 160.
- yards 4840.
- feet 43560.
- inches 6272640.

In a foot of timber are contained of cubicall square inches, 1728
But of square quarters of inches — 110592.

In a foot of board or glasse is contained 144 square inches; and to know how much of any breadth must be had in length for a foot, divide 144, the square inches that are contained in one foot, by the inches contained in the breadth of the board or glasse, and the quotient sheweth how many inches of that breadth must be had in length for a foot.

As for example: I have a piece of glasse nine inches in breadth; by which nine I divide 144, and the quotient is 16: and so much in length for that breadth must be had for a foot. But for more ease see the following table. It is plain and easie, and good husbandry to understand it.

Breadth of the board or glasse.	How much in length for a foot. inch	part of inch.
1	144	0
2	72	0
3	48	0
4	36	0
4 & half	32	0
5	28	9
5 & half	26	2
6	24	0
6 & half	22	2
7	20	7
7 & half	19	2
8	18	0
8 & half	17	0
9	16	0
9 & half.	15	2
10	14	5
10 & half	13	8
11	13	1
11 & half	12	6
12	12	0
12 & half	11	6
13	11	1
14	10	3
15	9	7
16	9	0
17	8	5
18	8	0
19	7	7
20	7	2
21	6	10
22	6	6
23	6	3
24	6	0

¶ The use of this table.

FInde the breadth of the board or glasse on the side of the table under that title, and against the same you have the inches & parts of inches that must be had in length for a foot.

Example. Against 5 inches is 28 inches and 9 parts of an inch: and note that 12 of them parts are an inch: that is, 28 inches and three quarters in length make a foot, when the breadth is 5 inches.

Also when the breadth is five inches and a half, then 26 inches and 2 parts are a foot. If six, 24 inches in length are a foot. If six and an half in breadth, 22 inches and two parts in length are a foot. And so the like of the rest.

Of a yeare.

THe yeare consisteth of twelve moneths according to the course of the sunne; but according to the common account, 13 and one day: which are called moneths of apparition, vulgarly divided into foure weeks: in which yeare is contained 365 dayes and a quarter, houres 8766, minutes 525960.

A necessa-

¶ A neceſſary table which (being cut off the book) may be ſet up in any Church: wherein is ſhewed all the Sundayes and holy-dayes, fixt and moveable feaſts, upon what day of the moneth any of them fall, 1635.

day	*January.*
1	Circumciſion
4	2.Sun.af.Chr
6	Epiphanie.
11	1.S.aft.Epiph.
18	2. S.aft. Epip.
25	Septuageſim.
day	*February*
1	Sexageſima
2	Purification
8	Quinquageſ.
15	Quadrageſim
22	2. Sun. in lent
24	Matthias ap.
day	*March*
1	3. S. in lent.
8	4. S. in lent
15	5. S. in lent
22	6 S. in lent
25	Annunciatiõ
29	Eaſter-day
day	*April*
5	1 Sun.af.Eaſt.
12	2.S.aft.Eaſter
19	3.S.aft.Eaſter
25	Mark evang.
26	4.S.aft. Eaſter
day	*May*
1	Philip & Jam.
3	5.S. aft.Eaſter
7	Aſcenſion day
10	6 Sun.aft.Eaſt.
17	Whitſunday
24	Trinity ſund.
31	1.S. aft.Trinity
day	*June*
7	2. S. aft. Trin.
14	3. S. aft. Trin
21	4. S. aft. Trin.
24	John Baptiſt
28	5. S. aft. Trin.
29	Peter apoſt.
day	*July*
5	6. S. aft. Trin.
12	7. S. aft Trin.
19	8. S. aft. Trin.
25	James apoſtle
26	9. S. aft Trin.
day	*Auguſt*
2	10. S. aft. Trin.
9	11. S. aft. Trin
16	12. S. aft. Trin.
23	13. S. aft. Trin.
24	Bartholomew
30	14. S. aft. Trin.
day	*September*
6	15. S. aft. Trin
13	16. S. aft. Tr.
20	17. S. aft. Tr.
21	Matthew ap.
27	18. Sun. aft. Tr.
29	Michael arch.
day	*October.*
4	19. Sun. aft. Tr.
11	20. Sun. af. Tr.
18	Luke Evang. / 21. Sun. aft. Tr.
25	22. Sun. af. Tr.
28	Simon & Jude
day	*November.*
1	All Saints.
8	24. S. aft. Tr.
15	25. S. aft. Tr.
22	26. Sun. af. Tr
29	Advent Sund.
30	Andrew ap.
day	*December.*
6	2. Sun. in Adv.
13	3. Sun. in Adv.
20	4. S. in Adv.
21	Thom. ap.
25	Chriſtmas day
26	S. Stephen.
27	S. John Evan.
28	Innocents.

FINIS.